



Project Fact Sheet

Updated: September 2006

Promoting the Use of Photovoltaic Systems in the Urban Environment through Demo Relay Nodes (PURE)

Programme area:	ALTENER, small-scale applications
Status:	Ongoing
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Partners:	ROBOTIKER, Spain Ente Vasco de Energía, Spain Instituto Superior Tecnico, Portugal Scheuten Solar Technology, Germany Provincia de Savona, Italy Slovak Energy Agency, Slovakia Environm. Eng. Department / Technical University of Crete, Greece
Website:	http://www.pure-eie.com
Objective:	To promote photovoltaic energy in the urban environment and to help implement the European Buildings Directive
Benefits:	Barriers to grid-connected photovoltaic systems and their architectonic integration into buildings are overcome
Keywords:	photovoltaic, dissemination, promotion
Duration:	01/2006 – 12/2008
Budget:	€ 1.148.080 (EU contribution: 50%)
Contract number:	EIE/05/051/SI2.420200



Short description

The project addresses the promotion of photovoltaic (PV) energy in the urban environment, in Spain, Portugal, Italy, Greece and Slovakia, countries with large solar potential and poor PV installed capacity. The project will help implement the European Directive on Energy Performance of Buildings. Energy Agencies, Universities and Technologic Centres from selected countries, together with a German partner expert in PV, will take advantage of best examples. Promotion activities will be aimed at agents responsible for the introduction of PV systems in the cities: Public bodies, architect associations and building industry professionals.

Proposed objectives will be addressed through the PV Demo Relay Node, a facility housing several promotional actions, installed in each selected country, and it will be used as a permanent exhibition, a stable contact point for consultancies of technical and regulative aspects of PV, and to hold conferences and seminars.

Expected and/or achieved results

- Set-up and exploitation of 5 PV Demo Relay Nodes in Spain, Portugal, Greece, Slovakia and Italy during 18 months.
- Dissemination and promotion activities in the PV Demo Relay Nodes: conferences, training courses, thematic seminars, Infodays, guided visits to several sectors, such as students, resident associations will be carried out.
- Reports on technical and economic solutions for integration of PV into building, on European Regulation on Building Integrated PV systems, publications dealing with the potential and benefits of building-integrated PV and on a summary of PV best practices.
- Replication plan with the experience about the set-up and use of the PV Demo Relay Nodes. This will include a CD-ROM with a compilation of best practices.

Lessons learnt

This project has just started. It is therefore too early to draw lessons.